STIC Search Report
EIC 2600

STIC Database Tracking Number: 123942

TO: Brian Yenke
Location: Pk2 6C42
Art Unit: 2614
Wednesday, June 09, 2004

Case Serial Number: 09/465038

From: Pamela Reynolds
Location: EIC 2600
PK2-3C03
Phone: 306-0255

Pamela.Reynolds@uspto.gov

Search Notes

Dear Brian Yenke,

Please find attached the search results for 09/465038. I used the search strategy I emailed to you to edit, not hearing from you I proceeded. I searched the standard Dialog files, IBM TDBs, IEEE, and the internet.

If you would like a re-focus please let me know.

Thank you.

Pamela Reynolds

Access DB# 123942

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: BRIAN P. YENKE Examiner #: 77730 Date: 04 June 04
Art Unit: 2614 Phone Number 305-9871 Serial Number: 09/465038
Mail Box Location: RCZ 6042 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

****

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: APPARATUS AND METHOD FOR REDUCING the VISUAL effects OF Artifacts Present IN A Line SCANNED VIDEO Display

Inventors (please provide full names): RONALD THOMAS KEEN

Earliest Priority Filing Date: 08 MAY 2001

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

"NEAR CANCELLATION" or "VISUAL CANCELLATION"
- by ROUNDING A frequency
"odd HARMONIC"

$= (n + 1/2) f_H$ ← 15,734.26573 Hz
$= 2.5 (15{,}734.26573\ Hz)$
$= 39.336\ KHz$
rounddown = 39 KHz ROUND up = 40 KHz

{ I have been UNABLE to find A System which removes AN artifact, by CALCULATING A VALUE for the frequency of THE Periodic SIGNAL, by ROUNDING the CALCULATED VALUE.

9.02

****

STAFF USE ONLY

Searcher: Pamela Reynolds
Searcher Phone #: 306-0255
Searcher Location: PK2 3C03
Date Searcher Picked Up: 6-9-04 9:30
Date Completed: 6-9-04 1:30
Searcher Prep & Review Time: 4
Clerical Prep Time: _____
Online Time: 11 1/4

Type of Search

NA Sequence (#) _____
AA Sequence (#) _____
Structure (#) _____
Bibliographic ✓
Litigation _____
Fulltext ✓
Patent Family _____
Other _____

Vendors and cost where applicable

STN _____
Dialog ✓
Questel/Orbit _____
Dr.Link _____
Lexis/Nexis _____
Sequence Systems _____
WWW/Internet ✓
Other (specify) 1996 (IEMDIS)

File 256:SoftBase:Reviews,Companies&Prods. 82-2004/May
(c)2004 Info.Sources Inc

Set	Items	Description
S1	1573	TV OR TELEVISION
S2	1544	SIGNAL?
S3	113	(VIDEO OR CRT OR CATHODE()RAY OR LINE()SCAN?)(3N)DISPLAY?
S4	25	CHROMINANCE OR LUMINANCE
S5	1	(NEAR OR VISUAL)(3N)CANCEL?
S6	0	ROUND?(3N)(UP OR DOWN) AND (INTEGER? OR INTEGRAL)
S7	809	FREQUENC?
S8	9	KHZ OR KILOHERTZ
S9	10	(BELOW OR LOWER OR EQUAL?) AND (39 OR THIRTYNINE OR THIRTY--NINE)
S10	673	(HIGHER OR ABOVE OR MORE) AND (40 OR FORTY)
S11	0	ODD()HARMONIC
S12	48	(REMOV? OR DELET? OR EDIT? OR AMELIORAT? OR HIDE OR HIDING OR MASK?) AND ARTIFACT?
S13	3	ROUND? AND (INTEGER OR INTEGRAL)
S14	0	S3 AND S4 AND S7
S15	0	S8 AND S9
S16	1	S1 AND S12

5/3,K/1
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

00094699 DOCUMENT TYPE: Review

PRODUCT NAMES: Netscape Navigator (530883); X Window (830048); OSF/Motif (702251)

TITLE: Using Netscape features in Xt/Motif applications
AUTHOR: VanHaren, Chris
SOURCE: Sun Observer, v10 n6 p15(1) Jun 1996
ISSN: 1058-5400
HOMEPAGE: http://www.pcinews.com/pci

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20010730

...use, is known for its many features and helpful interface design; good design features include **visual** clues regarding status, **cancelable** operations, and widget sensitivity, including sensible use of graying-out. A description is provided of...
?

16/3,K/1
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.

01135798 DOCUMENT TYPE: Product

PRODUCT NAME: Magic Bullet Suite 1.5 (135798)

Orphanage Inc (732818)
5225 Wilshire Blvd #705
Los Angeles, CA 90036 United States
TELEPHONE: (323) 933-8262

RECORD TYPE: Directory

CONTACT: Sales Department

REVISION DATE: 20040301

...1.5 generates 24p film output from 60i video. The system also allows users to **remove** color **artifacts** from videos. It can handle QuickTime and AVI files. Magic Bullet Suite 1.5 works...

...includes fade, burn, and cross-dissolve tools. Magic Bullet Suite's LetterBox provides users with **television** and film aspect ratio control features. The Broadcast Spec module supports compliance with NTSC broadcast
...
?

File 344:Chinese Patents Abs Aug 1985-2004/May
(c) 2004 European Patent Office
File 347:JAPIO Nov 1976-2004/Jan(Updated 040506)
(c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200435
(c) 2004 Thomson Derwent

Set	Items	Description
S1	366003	TV OR TELEVISION
S2	2302777	SIGNAL?
S3	58336	(VIDEO OR CRT OR CATHODE()RAY OR LINE()SCAN?)(3N)DISPLAY?
S4	55036	CHROMINANCE OR LUMINANCE
S5	150	(NEAR OR VISUAL)(3N)CANCEL?
S6	112	ROUND?(3N)(UP OR DOWN) AND (INTEGER? OR INTEGRAL)
S7	787316	FREQUENC?
S8	13240	KHZ OR KILOHERTZ
S9	25807	(BELOW OR LOWER OR EQUAL?) AND (39 OR THIRTYNINE OR THIRTY--NINE)
S10	198277	(HIGHER OR ABOVE OR MORE) AND (40 OR FORTY)
S11	164	ODD()HARMONIC
S12	834	(REMOV? OR DELET? OR EDIT? OR AMELIORAT? OR HIDE OR HIDING OR MASK?) AND ARTIFACT?
S13	4056	ROUND? AND (INTEGER OR INTEGRAL)
S14	806164	IC=H04N?
S15	3	S3 AND (S6 OR S13)
S16	1	S5 AND (S6 OR S13)
S17	1	S16 NOT S15
S18	2141	(S9 OR S10) AND S14
S19	0	S18 AND (S13 OR S6)
S20	13	S18 AND ROUND?
S21	1	S20 AND (S12 OR S5)
S22	1	S21 NOT (S16 OR S15)
S23	1	S20 AND (S7 OR S8)
S24	1	S23 NOT (S21 OR S16 OR S15)
S25	0	S11 AND S18
S26	58	AU=(KEEN, R? OR KEEN R?)
S27	0	S26 AND (S6 OR S13)
S28	15	S26 AND S1
S29	0	S28 AND S8
S30	0	S28 AND (S5 OR S12)
S31	1	S28 AND S11

15/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

04639443 **Image available**
DATA GENERATION DEVICE FOR PICTURE RECORDING

PUB. NO.: 06-311343 [JP 6311343 A]
PUBLISHED: November 04, 1994 (19941104)
INVENTOR(s): TASAKA KAZUTAKA
APPLICANT(s): DAINIPPON SCREEN MFG CO LTD [351872] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 05-116427 [JP 93116427]
FILED: April 19, 1993 (19930419)

ABSTRACT

...in a pattern unnoticeble by approximating a size of each pattern picture element as an **integral** number of multiple of micro pixels in the main scanning direction and in the subscanning...

...a picture processing work station 200, the picture CI is interleaved and the result is **displayed** on a **CRT** 204. When a magnification M of pattern components PP1, PP2 having a size being a...

... elements arranged in the main scanning/subscanning directions are coincident with positions represented by an **integral** number resulting from **rounding** MXNXi and MXNXj. Thus, the picture is recorded through magnification without causing excess distortion in...

15/3,K/2 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

010908343 **Image available**
WPI Acc No: 1996-405294/199641
Related WPI Acc No: 1998-373741
XRPX Acc No: N96-341478

Video library system for video on demand system - has control device which regulates read-out of video information corresp. to read-out demand from terminal equipment

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)
Inventor: KAWAGUCHI T; MORI T; NAKANO O; NISHIMURA K; SAKAMOTO H; SUZUKI H
Number of Countries: 002 Number of Patents: 002
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
JP 7123398	A	19950512	JP 94116111	A	19940530	199641	B
US 5612790	A	19970318	US 94299749	A	19940901	199717	

Priority Applications (No Type Date): JP 93218411 A 19930902
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 7123398	A		12	H04N-007/173	
US 5612790	A		18	H04N-005/76	

...Abstract (Basic): predetermined terminal equipments (11) for every time slot. A time slot sequence of the same **round** time from which a periodic phase shifted for each class of the information storage devices...

...ADVANTAGE - **Display** and read several **video** information with audio

information at same time. Secures empty time slot within max. phase difference...
...Abstract (Equivalent): segment is capable of being read out in one time-slot and N is an **integer** greater than one...

15/3,K/3 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX

008456269 **Image available**
WPI Acc No: 1990-343269/199046
XRPX Acc No: N90-262497
Character display **method for** CRT **monitor or raster printer - represents character structure by stems and counters, vertical and horizontal and transfers character to display space**
Patent Assignee: ADOBE SYSTEMS INC (ADOB-N)
Inventor: PAXTON W H; SCHILLER S N
Number of Countries: 009 Number of Patents: 008
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 397299	A	19901114	EP 90301348	A	19900208	199046	B
CA 2016609	A	19901112				199106	
US 5050103	A	19910917	US 89351668	A	19890512	199140	
EP 397299	A3	19920325	EP 90301348	A	19900208	199327	
EP 397299	B1	19950906	EP 90301348	A	19900208	199540	
DE 69022109	E	19951012	DE 622109	A	19900208	199546	
			EP 90301348	A	19900208		
JP 2992698	B2	19991220	JP 90123974	A	19900514	200005	
CA 2016609	C	20010501	CA 2016609	A	19900511	200131	

Priority Applications (No Type Date): US 89351668 A 19890512
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 397299	A				
Designated States (Regional): DE FR GB IT NL SE					
EP 397299	B1	E	13	G06K-015/02	
Designated States (Regional): DE FR GB IT NL SE					
DE 69022109	E			G06K-015/02	Based on patent EP 397299
JP 2992698	B2		10	G09G-005/24	Previous Publ. patent JP 3208093
CA 2016609	C	E		G09G-005/16	

Character display **method for** CRT **monitor or raster printer**...

...Abstract (Basic): the horizontal or vertical counters are grouped into a first chain of counters. The non- **integral** counter widths of the chain are adjusted in relation to the other counter widths within...
...Abstract (Equivalent): to be displayed, and where, as a result of such scaling, the counter widths have **integer** and fractional portions, characterised by: grouping the counters defined by a first plurality of overlapping...

...other counters in the first chain; adjusting the counter widths within the first chain by **rounding** them **up** or **down** so that counter widths in the same subgroups are **rounded** in the same direction; and grouping the remaining counters in the character not in the first chain into one or more chains of overlapping, horizontal and vertical counters, and **rounding** the counter widths, chain by chain, until all the counter widths have been adjusted in...
...Abstract (Equivalent): the horizontal or vertical counters are grouped into a first chain of counters. The non- **integral** counter widths of

17/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

02703226 **Image available**
ECHO CANCELLER DEVICE

PUB. NO.: 64-000826 [JP 64000826 A]
PUBLISHED: January 05, 1989 (19890105)
INVENTOR(s): TANAKA YOSHIAKI
UMIGAMI SHIGEYUKI
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 62-155973 [JP 87155973]
FILED: June 23, 1987 (19870623)
JOURNAL: Section: E, Section No. 747, Vol. 13, No. 168, Pg. 8, April 21, 1989 (19890421)

ABSTRACT

PURPOSE: To erase multiple echoes by using an **integer** -fold **round** trip delay time as the delay time of multiple far-end echoes...

... echo, a false near-end echo signal is generated from a transmission signal by a **near** -end echo **canceller** 1. With respect to first, second,... n-th far-end echoes, the transmission signal is successively delayed in delay circuits 3(sub 1)-3(sub n), which wave the **round** trip delay time preliminarily obtained by training sequence, by **integer** -fold delay times and is given to far-end echo cancellers 2(sub 1)-2...
?

22/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

013773004 **Image available**
WPI Acc No: 2001-257215/200126
XRPX Acc No: N01-183447
Color modification system for digital non-linear editing , **has chroma lookup table that outputs chroma coefficients when respective luma value is input by accessing corresponding luma value entry in lookup table**
Patent Assignee: AVID TECHNOLOGY INC (AVID-N); CACCIATORE R D (CACC-I); GONSALVES R (GONS-I)
Inventor: CACCIATORE R D; GONSALVES R
Number of Countries: 022 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200063840	A1	20001026	WO 2000US10067	A	20000414	200126 B
AU 200043499	A	20001102	AU 200043499	A	20000414	200126
US 6417891	B1	20020709	US 99293259	A	19990416	200253
US 20020180892	A1	20021205	US 99293259	A	19990416	200301
			US 2002186898	A	20020701	
US 6583824	B2	20030624	US 99293259	A	19990416	200343
			US 2002186898	A	20020701	

Priority Applications (No Type Date): US 99293259 A 19990416; US 2002186898 A 20020701
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200063840	A1	E	45	G06T-011/00	
Designated States (National): AU CA JP					
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE					
AU 200043499	A			G06T-011/00	Based on patent WO 200063840
US 6417891	B1			H04N-009/64	
US 20020180892	A1			H04N-009/64	Cont of application US 99293259 Cont of patent US 6417891
US 6583824	B2			H04N-009/64	Cont of application US 99293259 Cont of patent US 6417891

Color modification system for digital non-linear editing , **has chroma lookup table that outputs chroma coefficients when respective luma value is input by...**

Abstract (Basic):
... received color components (14,12) and chroma coefficients in order to generate modification components (38, **40**).
...

...For digital non-linear **editing** system...

...modification, increases the rate at which color modification is performed and decreases the effects of **rounding** errors. Decreasing the effects of the **rounding** errors produces **more** accurate color modifications, and in turn reduces the likelihood of **artifacts** .
...

...Modified chroma components (38, **40**)

...Title Terms: **EDIT** ;
...International Patent Class (Main): **H04N-009/64**

24/3,K/1 (Item 1 from file: 347)
DIALOG(R)File 347:JAPIO

03353495 **Image available**
RECORDING CIRCUIT OF VIDEO TAPE RECORDER

PUB. NO.: 03-016395 [JP 3016395 A]
PUBLISHED: January 24, 1991 (19910124)
INVENTOR(s): SHIBATA AKIRA
YOSHIOKA ATSUSHI
WATANABE KATSUYUKI
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)
APPL. NO.: 02-132566 [JP 90132566]
FILED: May 24, 1990 (19900524)
JOURNAL: Section: E, Section No. 1052, Vol. 15, No. 135, Pg. 101, April 04, 1991 (19910404)

INTL CLASS: **H04N-009/83**

ABSTRACT

... uniformize a reproduction level of a signal recorded while using a luminance signal subjected to **frequency** modulation as a bias by increasing a recording current level of a chroma signal in the case of recording a signal onto a vapor-deposition tape **more** than the case recording a signal onto a metal coating tape...

... 52, 68, a device 67 detecting kinds of a tape, recording current level setting circuits **40** , 41 and a signal switching circuits 34-37, and the circuits 34-37 are turned to the position of black **round** marks (upper contact) when a video head records an overlap track, and turned to the position of white **round** marks (lower contact) when the video head records a video track. That is, after plural signals recorded by using an audio signal with high **frequency** bias (such as low **frequency** conversion chroma signal, **frequency** modulated audio signal and pilot signal) are mixed, the recording level to a vapor-deposition tape is increased **more** than that on a metal coating tape. Then each signal is written in the optimum...
?

31/3,K/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX

014096966
WPI Acc No: 2001-581180/200165
XRPX Acc No: N01-432948
Apparatus for reducing artifacts present in a line scanned video display by selecting frequency of an artifact to be an odd harmonic **at half the horizontal line scan frequency**
Patent Assignee: THOMSON LICENSING SA (CSFC)
Inventor: **KEEN R T**
Number of Countries: 095 Number of Patents: 007
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200145394	A1	20010621	WO 2000US33655	A	20001212	200165	B
AU 200124297	A	20010625	AU 200124297	A	20001212	200165	
EP 1238534	A1	20020911	EP 2000988044	A	20001212	200267	
			WO 2000US33655	A	20001212		
KR 2002062333	A	20020725	KR 2002707524	A	20020612	200308	
JP 2003517789	W	20030527	WO 2000US33655	A	20001212	200344	
			JP 2001546155	A	20001212		
CN 1409920	A	20030409	CN 2000817041	A	20001212	200345	
MX 2002005973	A1	20021101	WO 2000US33655	A	20001212	200376	
			MX 20025973	A	20020614		

Priority Applications (No Type Date): US 99465038 A 19991216
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200145394	A1	E	10	H04N-005/44	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200124297	A			H04N-005/44	Based on patent WO 200145394
EP 1238534	A1	E		H04N-005/44	Based on patent WO 200145394
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					
KR 2002062333	A			H04N-005/21	
JP 2003517789	W		13	H04N-005/21	Based on patent WO 200145394
CN 1409920	A			H04N-005/44	
MX 2002005973	A1			H04N-005/21	Based on patent WO 200145394

... **in a line scanned video display by selecting frequency of an artifact to be an** odd harmonic **at half the horizontal line scan frequency**
Inventor: **KEEN R T**

Abstract (Basic):
... selected so that the frequency of the periodic signal can be predetermined to be an **odd harmonic** of half the horizontal line scan frequency. so that the adjacent scan lines of the...
... artifact introduced by periodic signals leaking or introduced into the luminance channel of a color **TV** receiver...
?

File 348:EUROPEAN PATENTS 1978-2004/Jun W01
(c) 2004 European Patent Office
File 349:PCT FULLTEXT 1979-2002/UB=20040603,UT=20040527
(c) 2004 WIPO/Univentio

Set	Items	Description
S1	78455	TV OR TELEVISION
S2	525431	SIGNAL?
S3	37548	(VIDEO OR CRT OR CATHODE()RAY OR LINE()SCAN?)(3N)DISPLAY?
S4	18233	CHROMINANCE OR LUMINANCE
S5	371	(NEAR OR VISUAL)(3N)CANCEL?
S6	1285	ROUND?(3N)(UP OR DOWN)(5N)(INTEGER? OR INTEGRAL)
S7	329016	FREQUENC?
S8	9	(BELOW OR LOWER OR EQUAL?)(3N)(39 OR THIRTYNINE OR THIRTY--NINE)(3N)(KHZ OR KILOHERTZ)
S9	263	(HIGHER OR ABOVE OR MORE)(3N)(40 OR FORTY)(3N)(KHZ OR KILO-HERTZ)
S10	658	ODD()HARMONIC?
S11	1392	(REMOV? OR DELET? OR EDIT? OR AMELIORAT? OR HIDE OR HIDING OR MASK?)(3N)ARTIFACT?
S12	1770	ROUND?(3N)(INTEGER? OR INTEGRAL?? OR S7)
S13	56279	IC=H04N?
S14	12	S1(S)(S6 OR S12)
S15	0	S14(S)S11
S16	0	S14(S)(S8 OR S9)
S17	1	S14 AND AD=20000508:20040609/PR
S18	11	S14 NOT S17
S19	11	IDPAT (sorted in duplicate/non-duplicate order)
S20	11	IDPAT (primary/non-duplicate records only)
S21	0	S10(S)(S8 OR S9)
S22	332	(S5 OR S11) AND S13
S23	119	S22(S)(S1 OR S2)
S24	43	S23(S)S4
S25	17	S24(S)S7
S26	1	S25(S)(S10 OR KHZ OR KILOHERTZ)
S27	1	S26 NOT S14

20/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00752340
Multiple HDTV format digital signal converter
Digitaler Signalumsetzer fur verschiedene HDTV-Formate
Convertisseur digital de signal pour des formats HDTV multiples
PATENT ASSIGNEE:
ADVANCED TELEVISION TEST CENTER, INC., (1348801), 1330 Braddock Place, Suite 200, Alexandria, VA 22314, (US), (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;IT;LI;LU;NL;SE)
INVENTOR:
Rhodes, Charles W., 64 South River Road, Edgewater, Maryland 21037, (US)
LEGAL REPRESENTATIVE:
Altenburg, Udo, Dipl.-Phys. et al (1269), Patent- und Rechtsanwalte Bardehle . Pagenberg . Dost . Altenburg . Frohwitter . Geissler & Partner, Postfach 86 06 20, D-81633 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 708558 A2 960424 (Basic)
EP 708558 A3 960515
APPLICATION (CC, No, Date): EP 95119635 900907;
PRIORITY (CC, No, Date): US 404190 890907
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IT; LI; LU; NL; SE
RELATED PARENT NUMBER(S) - PN (AN):
EP 490942 (EP 909133167)
INTERNATIONAL PATENT CLASS: H04N-007/01; H04N-007/00;
ABSTRACT WORD COUNT: 126

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	275
SPEC A	(English)	EPAB96	10394
Total word count - document A			10669
Total word count - document B			0
Total word count - documents A + B			10669

...SPECIFICATION will not always be an integer. In order for digital generation, N, must be an **integer** .
Step #6 **Round** N to the nearest **integer** .
In effect, by **rounding** the approximated 85% blanking time is slightly varied up or down until the nearest integer...

20/3,K/2 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00784139
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A SELF-DESCRIBING STREAM IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION DESTINES A UN FLUX D'AUTODESCRIPTEURS DANS UN ENVIRONNEMENT DE MODELES DE SERVICES DE COMMUNICATION
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918 , US,

Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 1400 Page Mill Road, Palo Alto, CA 94304, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116734 A2-A3 20010308 (WO 0116734)
Application: WO 2000US23999 20000831 (PCT/WO US0023999)
Priority Application: US 99387070 19990831
Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150517

Fulltext Availability:
Detailed Description

Detailed Description
... new markup language being developed by the W3C. SMIL will allow Web authors to deliver **television** -like content over the Web using less bandwidth and a simple text editor, rather than...and video streams or by transferring a single interleaved stream. Examples include video conferencing and **television** (traditional or interactive).

Audio/Video services can include the following ftinctionality.
124
Streams content (audio...

20/3,K/3 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00784134
A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A CONSTANT CLASS COMPONENT IN A BUSINESS LOGIC SERVICES PATTERNS ENVIRONMENT
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UN COMPOSANT DE CLASSE DE CONSTANTE DANS UN ENVIRONNEMENT DE SCHEMAS DE SERVICES DE LOGIQUE D'AFFAIRES
Patent Applicant/Assignee:
ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US (Residence), US (Nationality)
Inventor(s):
BOWMAN-AMUAH Michel K, 6426 Peak Vista Circle, Colorado Springs, CO 80918, US,
Legal Representative:
HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067-3024, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200116726 A2-A3 20010308 (WO 0116726)
Application: WO 2000US24188 20000831 (PCT/WO US0024188)
Priority Application: US 99387213 19990831
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 150446

Fulltext Availability:
Detailed Description

Detailed Description
... new markup language being developed by the W3C. SMIL will allow Web authors to deliver **television** -like content over the Web using less bandwidth and a simple text editor, rather than...and video streams or by transferring a single interleaved stream. Examples include video conferencing and **television** (traditional or interactive).

Audio/Video services can include the following functionality.

Streams content'(audio, video...

20/3,K/4 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00752407 **Image available**
SUB-PIXEL ACCURATE MOTION VECTOR ESTIMATION AND MOTION-COMPENSATED INTERPOLATION
ESTIMATION DE VECTEURS DE MOUVEMENT PRECIS AU NIVEAU DES SOUS-PIXELS ET INTERPOLATION A MOUVEMENTS COMPENSES
Patent Applicant/Assignee:
KONINKLIJKE PHILIPS ELECTRONICS N V, Groenewoudseweg 1, NL-5621 BA Eindhoven, NL, NL (Residence), NL (Nationality)
Inventor(s):
DE HAAN Gerard, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL
BELLERS Erwin B, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL
SCHUTTEN Robert J, Prof. Holstlaan 6, NL-5656 AA Eindhoven, NL
Legal Representative:
STEENBEEK Leonardus J, Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven, NL
Patent and Priority Information (Country, Number, Date):
Patent: WO 200065829 A1 20001102 (WO 0065829)
Application: WO 2000EP3538 20000417 (PCT/WO EP0003538)
Priority Application: EP 99201298 19990426; EP 99202479 19990728
Designated States: JP KR
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Filing Language: English
Fulltext Word Count: 5182

Fulltext Availability:
Claims

Claim
... towards the largest smaller (or smallest larger@ integer value (i.e. a truncation) and a **rounding** towards the nearest **integer** value. The expression "image" encompasses both a field and a frame. These and other aspects...

...device in

accordance with the present invention; and
Fig. 4 shows an embodiment of a **television** apparatus in accordance with the present invention. We found that the straightforward use of the...AV to obtain the output image n-Y2. Fig. 4 shows an embodiment of a **television** apparatus in accordance with- the present invention. An antenna A supplies a **television** signal to a ti.mer TUN that fumishes a video signal to a processor PROC...embodied by one and the same item of hardware.
5
References:
II] G.A. Thomas, " **Television** motion measurement for DATV and other applications", BBC Research Report No. BBC RD 1987/1...

...Vol. 38, No.3, 1992. 151 G. de Haan and H. Huijgen, "Motion Estimation for **TV** Picture Enhancemene', Proc. 4th Int. Workshop on HDTV and beyond, Torino, 1991. [6] T. Reuter...

20/3,K/5 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00751240 **Image available**
MEMORY MANAGEMENT METHOD FOR HIGH SPEED STREAMING DATA PROCESSING IN A COMPUTER DEVICE
GESTION ET MANIPULATION OPTIMALES DE SUPPORT D'EMISSION EN CONTINU A GRANDE VITESSE DANS UN DISPOSITIF INFORMATIQUE
Patent Applicant/Assignee:
RAVISENT TECHNOLOGIES INC, 1 Great Valley Parkway, Malvern, PA 19355-1308 , US, US (Residence), US (Nationality)
Inventor(s):
WOLFF Robert M, 378 Sunnyslope Drive, Fremont, CA 94536, US,
LANGER Randy, 3785 Celeste Court S.E., Port Orchard, WA 98366, US,
SIGMUND Ulrich, Viktorlastr. 6, D-76133 Karsruhl, DE,
Legal Representative:
GLENN Michael A (et al) (agent), Law Offices of Michael A. Glenn, 3475 Edison Way, Ste. L, Menlo Park, CA 94025, US,
Patent and Priority Information (Country, Number, Date):
Patent: WO 200064186 A2-A3 20001026 (WO 0064186)
Application: WO 2000US8771 20000331 (PCT/WO US0008771)
Priority Application: US 99283947 19990401; US 99287535 19990406; US 99342527 19990629; US 99467552 19991210
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 26922

Fulltext Availability:
Claims

Claim
... at a rate of at least thirty frames per second. Current proposals for high-definition **television** (HDTV) call for as many as 1920 by 1080 or

more pixels per frame, which...ends of cases B, C, and D is defined in the MPEG-2 specification as: " **Integer** division with **rounding** to the nearest **integer** . Half- **integer** values are **rounded** awav from zero unless otherwise specified.[...]". Therefore, when a two or a four are the...

20/3,K/6 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00732154 **Image available**
VESTIGIAL SIDEBAND GENERATOR PARTICULARLY FOR DIGITAL TELEVISION
GENERATEUR DE BANDES LATERALES RESIDUELLES DESTINE NOTAMMENT A LA TELEVISION NUMERIQUE
Patent Applicant/Assignee:
CONTINENTAL ELECTRONICS CORPORATION, 4212 S. Buckner Boulevard, Dallas, TX 75227, US, US (Residence), US (Nationality)
Inventor(s):
HERSHBERGER David L, 10373 Pine Flat Way, Nevada City, CA 95959-9136, US
Legal Representative:
LOWE Allan M, Lowe Hauptman Gopstein Gilman & Berner, LLP, Suite 310, 1700 Diagonal Road, Alexandria, VA 22314, US
Patent and Priority Information (Country, Number, Date):
Patent: WO 200045503 A1 20000803 (WO 0045503)
Application: WO 2000US1677 20000127 (PCT/WO US0001677)
Priority Application: US 99239668 19990129
Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
(AP) GH GM KE LS MW SD SL SZ TZ UG ZW
(EA) AM AZ BY KG KZ MD RU TJ TM
Publication Language: English
Filing Language: English
Fulltext Word Count: 17528

Fulltext Availability:
Detailed Description

Detailed Description
... ied Weaver
modulator for deriving a vestigial sideband ATSC/A53 I. F.

signal having a **frequency** with a **round** number, in accordance with a second embodiment of the present invention;
Figure 9 is a block diagram of a further embodiment of a vestigial sideband modulator for a digital **television** transmitter, wherein the digital signal is applied to a lowpass filter prior to being applied...

20/3,K/7 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00448336 **Image available**

DIGITAL SIGNAL COMPRESSION ENCODING WITH IMPROVED QUANTISATION
CODAGE DE COMPRESSION DE SIGNAUX NUMERIQUES A QUANTIFICATION AMELIOREE
Patent Applicant/Assignee:
BRITISH BROADCASTING CORPORATION,
SNELL & WILCOX LIMITED,
WERNER Oliver Hartwig,
WELLS Nicholas Dominic,
KNEE Michael James,
Inventor(s):
WERNER Oliver Hartwig,
WELLS Nicholas Dominic,
KNEE Michael James,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9838800 A1 19980903
Application: WO 98GB582 19980225 (PCT/WO GB9800582)
Priority Application: GB 973834 19970225; GB 973831 19970225
Designated States: AU CA JP US AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 19999
Fulltext Availability:
Claims

Claim
... 52)
T 2 16 16
resulting in
10 = Fdllj = 16 (53)
[WI],
where the functionra] **rounds** the given argument a **up** to the nearest **integer** . The resulting ML-estimate of z = e -a can be used for all qscalel-values...a.) horiz. freq. 1, vert. freq. 1; w1=16
16W
14M n,
10 1 fo **TV** = 0.049290
1200 1< 0
1000
35.879181
800
600 Z e -a - 249 0...

20/3,K/8 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00376923
STRUCTURED FOCUSED HYPERTEXT DATA STRUCTURE
STRUCTURE DE DONNEES HYPERTEXTE ARTICULEE SUR LA STRUCTURATION
Patent Applicant/Assignee:
HYPERMED LTD,
OREN Avraham,
OLCHA Lev,
KOWALSKI Nahum,
MARGULYAN Rita,
Inventor(s):
OREN Avraham,
OLCHA Lev,
KOWALSKI Nahum,
MARGULYAN Rita,
Patent and Priority Information (Country, Number, Date):

Patent: WO 9717666 A2 19970515
Application: WO 96IL131 19961023 (PCT/WO IL9600131)
Priority Application: US 95551929 19951023
Designated States: AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 263802

Fulltext Availability:
Detailed Description

Detailed Description
... Dim HeadingLastLineNumber As tblAlgorithmShapes("Shape Border Integer Color") Dim BodyLastLineNumber As Case TOOL -ROUNDED SQUARE **Integer** **RoundSquare** Pic, Dim Result As Integer tblAlgorithmShapes("Shape Left/Line Dim OneLineHeight As Single X2"), tblAigorithmShapes...

20/3,K/9 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2004 WIPO/Univentio. All rts. reserv.

00267072
WIDE-FIELD THREE-DIMENSIONAL VIEWING SYSTEM
SYSTEME DE VISUALISATION TRIDIMENSIONNELLE A CHAMP LARGE
Patent Applicant/Assignee:
PILLING Geoffrey,
TEGMARK Max E,
LARMORE Edward,
Inventor(s):
PILLING Geoffrey,
TEGMARK Max E,
LARMORE Edward,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9415241 A1 19940707
Application: WO 93US12442 19931221 (PCT/WO US9312442)
Priority Application: US 92993416 19921221
Designated States: AU CA JP KR RU AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 5552

Fulltext Availability:
Claims

Claim
... pixels (xi, yl) and (X2, Y2) oil said monitor according to the following formulas:
XI = **TV** I +
14 W(I+zlD)]
I X+L) LI
yj = H +
12 (1+.ID) h
X2 = **TV** - XI,

1 0 112 = H I + (;c - L) LI
12 h (I +,: / Z@)+11
where...

...eyes to the screen and where-the pixel coordinates xi, Y17 X2 and Y2 are **rounded** to the nearest **integer** values.
12
. The inct-hod of claiin 19 where said computer monitor is a 14 inch moilitor with pixel resolution of 640 by 480 and **TV** = 640, H = 480, 9 1 ", It = 7", L =it/
2 4
and D = 12".
13

20/3,K/10 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00239362
METHOD AND APPARATUS FOR IMAGE DATA COMPRESSION USING COMBINED LUMINANCE/CHROMINANCE CODING
PROCEDE ET APPAREIL DESTINES A LA COMPRESSION DE DONNEES D'IMAGE ET RECOURANT A UN CODAGE COMBINE LUMINANCE/CHROMINANCE
Patent Applicant/Assignee:
AMPEX SYSTEMS CORPORATION,
Inventor(s):
COLEMAN Charles H,
MILLER Sidney D,
SMIDTH Peter,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9313628 A1 19930708
Application: WO 92US10922 19921217 (PCT/WO US9210922)
Priority Application: US 91486 19911220
Designated States: AU CA JP KR NO AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 8203

Fulltext Availability:
Detailed Description

Detailed Description
... a bus 38. The data is "quantizeT by scaling each coefficient by the quantizing factor, **rounding** to the nearest **integer** , and coding the
resulting value by means of an entropy encoder such as a Huffman...

20/3,K/11 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT

00164699
STEREOLITHOGRAPHIC BEAM PROFILING
PROFILAGE DE FAISCEAU STEREOLITHOGRAPHIQUE
Patent Applicant/Assignee:
3D SYSTEMS INC,
Inventor(s):
SPENCE Stuart Thomas,

TARNOFF Harry,
ALMQUIST Thomas,
Patent and Priority Information (Country, Number, Date):
Patent: WO 8911085 A1 19891116
Application: WO 89US1559 19890417 (PCT/WO US8901559)
Priority Application: US 88830 19880418; US 88816 19881108; US 88837 19881108; US 88907 19881108; US 88801 19881108
Designated States: JP KR
Publication Language: English
Fulltext Word Count: 292227

Fulltext Availability:
Detailed Description
Detailed Description

```
... if ffield=4 then writeln(PrintDev);
  end;
  end;
  procedure Position3;
  var
  i,1X,yFstep.dir:  Integer ;
  temp: String;
  XOffs,Yoffs,Xgain,Ygain: Real;
  procedure Printeroff;
  begin
  if printout then b*egin...Xval X;
  Yval Y;
  end;
  SpiralSearchForHole := BeamFound;
  end;
  end;
  function FindBeam(var FindBeamVars.

  FindBeamVarType;Sensor:  Integer ;
  FindMethod: FindMethodType): Boolean;
  const
  HoleSeparation = 600;
  var
  DisplayFlag: Boolean;
  i,ADC.pass,CantFind,spiralSide: Integer...14);
  gry2 := round((65535-y2-XOffset- GrMinY)/GrDeltaY*
  (22-9)*14);
  end else begin
  gryl:= round ((yl+YOffset-GrMinY)/GrDeltaY*(22-9)*14);
  gry2:=round((y2+YOffset-GrMinY)/GrDeltaY*(22-9...
?
```

27/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS

00331960
INTERACTIVE VIDEO METHOD AND APPARATUS.
VERFAHREN UND GERAT FUR INTERAKTIVES VIDEO.
PROCEDE ET APPAREIL VIDEO INTERACTIFS.
PATENT ASSIGNEE:
INTERACTIVE SYSTEMS, INC., (1097550), 1225 N.W. Murray Road, Suite 210, Portland, OR 97229, (US), (applicant designated states: AT;BE;CH;DE;FR;GB;IT;LI;LU;NL;SE)
INVENTOR:
BROUGHTON, Robert, S., 870 S.W. 123rd Court, Portland, Oregon 97225, (US)
LAUMEISTER, William, C., 2546 Boren Drive, San Jose, CA 95121, (US)
LEGAL REPRESENTATIVE:
Dickel, Klaus, Dipl.-Ing. (2981), Herrnstrasse 15, D-80539 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 346402 A1 891220 (Basic)
EP 346402 B1 940105
WO 8904100 890505
APPLICATION (CC, No, Date): EP 88906481 880630; WO 88US2192 880630
PRIORITY (CC, No, Date): US 112713 871020
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IT; LI; LU; NL; SE
INTERNATIONAL PATENT CLASS: H04N-007/08;
ABSTRACT WORD COUNT: 196
NOTE:
No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	582
CLAIMS B	(German)	EPBBF1	544
CLAIMS B	(French)	EPBBF1	708
SPEC B	(English)	EPBBF1	9105
Total word count - document A			0
Total word count - document B			10939
Total word count - documents A + B			10939

...SPECIFICATION mixer 134, in what may be thought of as a double-line correlator. A 250 **kHz** , low-pass filter 136 **removes** undesirable, high-**frequency artifacts** of horizontal delay line 130. The output of filter 136 is clamped at 138 (while...

...field being analyzed, as this is the only time of particular interest. A 7.867 **kHz** band-pass filter 142, a full-wave rectifier 144, an integrator 146 and a reference...the luminance within the subfield is too high detectably to be luminance modulated with data. **Complementarily** , the output of gate 156 is peak detected at 164, **clamped** at 166 (while VERTICAL SYNC is active) **and compared** at **168** to a predetermined 'black' luminance minimum to produce a signal, TOO BLACK, that indicates whether...

...subfield as being either of too high or too low a luminance. During the data **encoding** process, such fields may be avoided, and a more suitable, but equally timely, sequence of...
?

```
File   2:INSPEC 1969-2004/May W5
         (c) 2004 Institution of Electrical Engineers
File   6:NTIS 1964-2004/Jun W1
         (c) 2004 NTIS, Intl Cpyrght All Rights Res
File   8:Ei Compendex(R) 1970-2004/May W5
         (c) 2004 Elsevier Eng.  Info. Inc.
File  34:SciSearch(R) Cited Ref Sci 1990-2004/May W5
         (c) 2004 Inst for Sci Info
File  35:Dissertation Abs Online 1861-2004/May
         (c) 2004 ProQuest Info&Learning
File  65:Inside Conferences 1993-2004/Jun W1
         (c) 2004 BLDSC all rts. reserv.
File  94:JICST-EPlus 1985-2004/May W3
         (c)2004 Japan Science and Tech Corp(JST)
File  95:TEME-Technology & Management 1989-2004/May W4
         (c) 2004 FIZ TECHNIK
File  99:Wilson Appl. Sci & Tech Abs 1983-2004/May
         (c) 2004 The HW Wilson Co.
File 144:Pascal 1973-2004/May W5
         (c) 2004 INIST/CNRS
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
         (c) 2003 EBSCO Pub.
File 239:Mathsci 1940-2004/Jul
         (c) 2004 American Mathematical Society
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
         (c) 2002 The Gale Group
File 603:Newspaper Abstracts 1984-1988
         (c)2001 ProQuest Info&Learning
File 483:Newspaper Abs Daily 1986-2004/Jun 08
         (c) 2004 ProQuest Info&Learning
File 248:PIRA 1975-2004/May W5
         (c) 2004 Pira International

Set     Items   Description
S1     623292   TV OR TELEVISION
S2    2350801   SIGNAL?
S3      30889   (VIDEO OR CRT OR CATHODE()RAY OR LINE()SCAN?)(3N)DISPLAY?
S4      39576   CHROMINANCE OR LUMINANCE
S5        667   (NEAR OR VISUAL)(3N)CANCEL?
S6        161   ROUND?(3N)(UP OR DOWN) AND (INTEGER? OR INTEGRAL)
S7    2691165   FREQUENC?
S8     130129   KHZ OR KILOHERTZ
S9      56212   (BELOW OR LOWER OR EQUAL?) AND (39 OR THIRTYNINE OR THIRTY-
             -NINE)
S10    423537   (HIGHER OR ABOVE OR MORE) AND (40 OR FORTY)
S11       413   ODD()HARMONIC
S12      7757   (REMOV? OR DELET? OR EDIT? OR AMELIORAT? OR HIDE OR HIDING
            OR MASK?) AND ARTIFACT?
S13      4345   ROUND? AND (INTEGER OR INTEGRAL)
S14       112   (S5 OR S12) AND S1
S15         0   S14 AND (S6 OR S13)
S16         1   S14 AND (S9 OR S10)
S17         0   S16 NOT AFRICA
S18         3   (S1 OR S3) AND S5
S19         3   S18 NOT S16
S20         3   RD S19 (unique items)
S21         1   S20 NOT (PROGRAMS OR BOND??)
S22      3622   S2 AND S3
S23         1   S22 AND (S6 OR S13)
```

S24	1	S23 NOT (S16 OR S18)
S25	2	S2 AND S8 AND S5
S26	2	S25 NOT (S23 OR S16 OR S18)
S27	1	RD S26 (unique items)
S28	56	(S13 OR S6) AND (S9 OR S10)
S29	0	S28 AND S8
S30	0	S28 AND S11
S31	0	S28 AND S5
S32	0	S28 AND S4
S33	0	S28 AND S3
S34	5	S28 AND (S1 OR S2)
S35	5	S34 NOT (S25 OR S23 OR S16 OR S18)
S36	5	RD S35 (unique items)
S37	524	AU=(KEEN, R? OR KEEN R?)
S38	6	S1 AND S37
S39	3	RD S38 (unique items)

21/TI/1 (Item 1 from file: 483)

Air shutdown strands visitors in N.O. Tourism industry works to help guests cope, feel at home

24/3,K/1 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)

00499060 E.I. Monthly No: EI7512079482 E.I. Yearly No: EI75013303
Title: OPTO-ISOLATORS COUPLE CRT TERMINALS TO PRINTER LINES.
Author: Longacre, Andrew Jr.
Corporate Source: Univ of New Orleans, La
Source: Electronics v 48 n 20 Oct 2 1975 p 118
Publication Year: 1975
CODEN: ELECAD ISSN: 0013-5070
Language: ENGLISH

Abstract: When a terminal with a **cathode - ray** -tube **display** replaces a teleprinter terminal at the end of a full-duplex 20-milliampere current loop...

...problem is presented, a simple and direct interface -- receiving and sending circuits that are built **round** a pair of opto-isolators. Each circuit uses the 20-mA loop current to power one side of its opto-isolator. In the receiving circuit, which carries **signals** going to the screen of the terminal, the loop current directly drives the isolator's light-emitting diode, and the emitted light drives the **integral** photo-Darlington pair into saturation. ASCII-encoded **signa**ls occur as momentary interruptions in the 20-mA current, which in turn cause the photo ...

...this condition and generates positive pulses corresponding to the interruptions. The sending circuit, which carries **signals** coming from the keyboard, employs an analog comparator to sense the sign of the terminal... ?

27/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

03901834 INSPEC Abstract Number: B91041256, C91043708
Title: A multi-DSP implementation of a broad-band adaptive beamformer for use in a hands-free mobile radio telephone
Author(s): Claesson, I.; Nordholm, S.E.; Bengtsson, B.A.; Eriksson, P.
Author Affiliation: Dept. of Telecommun. Theory, Lund Univ., Sweden
Journal: IEEE Transactions on Vehicular Technology vol.40, no.1, pt.2 p.194-202
Publication Date: Feb. 1991 Country of Publication: USA
CODEN: ITVTAB ISSN: 0018-9545
U.S. Copyright Clearance Center Code: 0018-9545/91/0200-0194$01.00
Language: English
Subfile: B C

Abstract: An implementation of a broadband adaptive array on a multiprocessor digital **signal** processing system for use in a hands free mobile radio telephone is described. This implementation...

...filters with up to 128 taps behind each microphone at a sampling rate of 8 **kHz** . The filter structure makes it possible to combine an adaptive array with a noise **canceler** . The **near** -field problem has been solved by using focusing, a speech-controlled adaptive algorithm, and a...
Descriptors: computerised **signal** processing...
...Identifiers: digital **signal** processing system...

...8 **kHz** ;
?

36/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC

7442831 INSPEC Abstract Number: A2002-24-9385-041, B2002-12-7710D-028
Title: The use of optics for the in situ determination of flocculated mud characteristics
Author(s): Manning, A.J.; Dyer, K.R.
Author Affiliation: Inst. of Marine Studies, Univ. of Plymouth, UK
Journal: Journal of Optics A: Pure and Applied Optics Conference Title: J. Opt. A, Pure Appl. Opt. (UK) vol.4, no.4 p.S71-81
Publisher: IOP Publishing,
Publication Date: July 2002 Country of Publication: UK
CODEN: JOAOF8 ISSN: 1464-4258
SICI: 1464-4258(200207)4:4L.s71:OSDF;1-M
Material Identity Number: H299-2002-005
U.S. Copyright Clearance Center Code: 1464-4258/02/040071+11$30.00
Conference Title: Ocean Optics VI
Conference Date: 9 Oct. 2001 Conference Location: London, UK
Language: English
Subfile: A B

...Abstract: high resolution monochrome Pasecon tube video camera, fitted with a f/4 macro lens and **integral** low heat LED illumination, views the flocs through a window in the side of the...

...appear dark on a light background; this reduces image smearing and makes the floc structure **more** clearly visible. A selection of INSSEV flocs are presented from deployments conducted in the upper...

... However, these stringer configuration macroflocs were in the minority and on average only represented 30- **40** % of the total suspended matter concentration. Throughout the **more** turbulent and **higher** concentration spring tides, INSSEV was found to be very effective at measuring floc characteristics, even...

... size) transformed 95% of the ambient suspended particulate matter concentration present into large, fast settling, **more** **rounded** cluster-type macroflocs with settling velocities of 8-15 mm s/sup -1/ and effective...
...Descriptors: **television** applications

36/3,K/2 (Item 2 from file: 2)
DIALOG(R)File 2:INSPEC

6151771 INSPEC Abstract Number: B1999-03-6320E-002
Title: A technique of multiaperture transmitting-receiving on synthetic aperture sonar
Author(s): Yamaguchi, I.
Journal: Electronics and Communications in Japan, Part 1 (Communications) vol.82, no.3 p.66-73
Publisher: Scripta Technica,
Publication Date: March 1999 Country of Publication: USA
CODEN: ECJCED ISSN: 8756-6621
SICI: 8756-6621(199903)82:3L.66:TMTR;1-1
Material Identity Number: J974-1998-017
U.S. Copyright Clearance Center Code: 8756-6621/99/030066-08

Language: English
Subfile: B

...Abstract: are simultaneously satisfied. The PRF modification makes the ratio of the two aperture lengths an **integer** , and both are obtained for the **above** two conditions. Consequently, unnecessary areas on the transducer always appear at the same position and...
... phase errors in range-curvature compensation can also be reduced by precise adjustment of the **round** -trip time on each aperture of the transducer. Simulation results show that over **40** % of the original aperture length can be eliminated by the PRF modification, and the proposed
...
...Descriptors: sonar **signal** processing...
...Identifiers: **round** -trip time

36/3,K/3 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

09301821 Genuine Article#: 390MF No. References: 74
Title: T cell effector function and anergy avoidance are quantitatively linked to cell division
Author(s): Wells AD; Walsh MC; Sankaran D; Turka LA (REPRINT)
Corporate Source: Univ Penn,Dept Med,700 Clin Res Bldg,415 Curie Blvd/Philadelphia//PA/19104 (REPRINT); Univ Penn,Dept Med,Philadelphia//PA/19104
Journal: JOURNAL OF IMMUNOLOGY, 2000, V165, N5 (SEP 1), P2432-2443
ISSN: 0022-1767 Publication date: 20000901
Publisher: AMER ASSOC IMMUNOLOGISTS, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814 USA
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: cells activated by optimal TCR and CD28 ligation exhibit marked proliferative heterogeneity and similar to **40** % of these activated cells fail entirely to participate in clonal expansion, To address how prior...

...secondary response patterns that depend upon their prior division history, such that cells that undergo **more** **rounds** of division show incrementally greater IL-2 production and proliferation in response to restimulation, CD4...

...hyporesponsive state that Is refractory to both TCR/CD28-mediated and IL-2R-mediated proliferative **signals** . We find that this anergic state is associated with defects in both TCR-coupled activation of the p42/44 mitogen-activated protein kinase (estracellular **signal** -related kinase 1/2) and IL-2-mediated down-regulation of the cell cycle inhibitor...

...in these cells. Therefore, the process of cell division or cell cycle progression plays an **integral** role in anergy avoidance in primary T cells, and may represent a driving force in...
...Identifiers--PROTEIN-KINASE-C; CYTOKINE GENE-EXPRESSION; **SIGNAL** -REGULATED KINASE; DOMAIN-BINDING PROTEIN; ANTIGEN-RECEPTOR; CLONAL ANERGY; TYROSINE PHOSPHORYLATION; SH3 DOMAIN; INTERLEUKIN-2...

36/3,K/4 (Item 2 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

07975055 Genuine Article#: 231EJ No. References: 41
Title: Remotely sensing the earth's atmosphere using the global positioning system (GPS) - The GPS/MET data analysis
Author(s): Feng DD (REPRINT) ; Herman BM
Corporate Source: UNIV ARIZONA,INST ATMOSPHER PHYS, POB 210081/TUCSON//AZ/85721 (REPRINT)
Journal: JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY, 1999, V16, N8 (AUG) , P989-1002
ISSN: 0739-0572 Publication date: 19990800
Publisher: AMER METEOROLOGICAL SOC, 45 BEACON ST, BOSTON, MA 02108-3693
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

...Abstract: Due to the atmospheric index of refraction and gradient of the index of refraction, GPS **signals** propagate through the earth's atmosphere along a slightly curved path and with slightly retarded speeds. When these **signals** arrive at a receiver aboard a low earth orbit satellite, the receiver records an excess...

...with the phase delay of a straight line propagation in a vacuum. Using the Abel **integral** equations, the phase delay rates with time can be converted into the atmospheric index of...
...degrees-2 degrees C can be obtained from similar to 5-7 to similar to **40** km **above** the ground. Despite the fact that a few outstanding problems in the GPS/MET data...

...GPS/MET occultation method has been demonstrated to be capable of producing accurate, all-weather, **round** -the-clock. global refractive index, density, pressure, and temperature profiles of the troposphere and stratosphere.

36/3,K/5 (Item 1 from file: 239)
DIALOG(R)File 239:Mathsci

03276422 MR 2002f#37075
Dynamics of non-ergodic piecewise affine maps of the torus.
Adler, Roy (IBM Thomas J. Watson Research Center, Yorktown Heights, New York, 10598)
Kitchens, Bruce (IBM Thomas J. Watson Research Center, Yorktown Heights, New York, 10598)
Tresser, Charles (IBM Thomas J. Watson Research Center, Yorktown Heights, New York, 10598)
Corporate Source Codes: 1-IBM; 1-IBM; 1-IBM
Ergodic Theory Dynam. Systems
Ergodic Theory and Dynamical Systems, 2001, 21, no. 4, 959--999.
ISSN: 0143-3857
Language: English Summary Language: English
Subfile: MR (Mathematical Reviews) AMS
Abstract Length: LONG (36 lines)
Reviewer: Athanassopoulos, Konstantin (GR-CRET)

Descriptors: ...*28Dxx, 34Cxx, 34Dxx, 35Bxx, 46Lxx, 58Jxx, 70-XX)-Low-dimensional dynamical systems-None of the **above** , but in this section
?

39/3,K/1 (Item 1 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

04299465 INSPEC Abstract Number: B9301-6430-032
Title: Interlace to progressive scan converter for IDTV
Author(s): Filliman, P.D.; Christopher, T.J.; **Keen, R.T.**
Author Affiliation: Thomson Consumer Electronics, Indianapolis, IN, USA
Journal: IEEE Transactions on Consumer Electronics vol.38, no.3 p. 135-44
Publication Date: Aug. 1992 Country of Publication: USA
CODEN: ITCEDA ISSN: 0098-3063
U.S. Copyright Clearance Center Code: 0 7803 0479 9/92/$03.00
Conference Title: 1992 IEEE International Conference on Consumer Electronics (ICCE)
Conference Sponsor: IEEE
Conference Date: 2-4 June 1992 Conference Location: Rosemont, IL, USA
Language: English
Subfile: B

Author(s): Filliman, P.D.; Christopher, T.J.; **Keen, R.T.**
...Descriptors: **television** systems

39/3,K/2 (Item 1 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
(c) 2004 Elsevier Eng. Info. Inc. All rts. reserv.

01729732 E.I. Monthly No: EI8502014587 E.I. Yearly No: EI85117072
Title: ENCODING AND DECODING WIDEBAND I CHROMA SIGNALS.
Author: **Keen, Ronald T.**
Corporate Source: RCA, Consumer Electronics Div, Indianapolis, IN, USA
Source: RCA Engineer v 29 n 6 Nov-Dec 1984 p 11-14
Publication Year: 1984
CODEN: RCAEBC ISSN: 0048-6574 ISBN: 0-916877-00-0
Language: ENGLISH

Author: **Keen, Ronald T.**
Abstract: The color portion of an National **Television** Systems Committee (NTSC) standard broadcast video signal consists of two phase-modulated signals. One is...

...amount of chrominance resolution by increasing the frequency response of the I channel in the **television** receiver.
Descriptors: **TELEVISION** , COLOR...

...Standards; CODES, SYMBOLIC; SIGNAL FILTERING AND PREDICTION; PHASE MODULATION; **TELEVISION** BROADCASTING; SEMICONDUCTOR DEVICES, CHARGE COUPLED

39/3,K/3 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci
(c) 2004 Inst for Sci Info. All rts. reserv.

04296211 Genuine Article#: RU605 No. References: 30
Title: IN-SITU LOCALIZATION AND QUANTIFICATION OF 72-KILODALTON TYPE-IV COLLAGENASE IN ANEURYSMAL, OCCLUSIVE, AND NORMAL AORTA
Author(s): MCMILLAN WD; PATTERSON BK; **KEEN RR** ; PEARCE WH
Corporate Source: NORTHWESTERN UNIV,SCH MED,DEPT SURG,DIV VASC SURG,251 E

CHICAGO AVE,SUITE 626/CHICAGO//IL/60611; NORTHWESTERN UNIV,SCH MED,DEPT PATHOL/CHICAGO//IL/60611; NORTHWESTERN UNIV,SCH MED,DEPT MED/CHICAGO//IL/60611

Journal: JOURNAL OF VASCULAR SURGERY, 1995, V22, N3 (SEP), P295-305
ISSN: 0741-5214
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Author(s): MCMILLAN WD; PATTERSON BK; **KEEN RR** ; PEARCE WH

Abstract: Purpose: Seventy-two-kilodalton type **TV** collagenase (MMP-2), a potent collagenase and elastase, is present in inflammatory disease states and...

?

File 9:Business & Industry(R) Jul/1994-2004/Jun 08
(c) 2004 The Gale Group
File 15:ABI/Inform(R) 1971-2004/Jun 08
(c) 2004 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2004/Jun 09
(c) 2004 The Gale Group
File 20:Dialog Global Reporter 1997-2004/Jun 09
(c) 2004 The Dialog Corp.
File 47:Gale Group Magazine DB(TM) 1959-2004/Mar 08
(c) 2004 The Gale group
File 75:TGG Management Contents(R) 86-2004/May W5
(c) 2004 The Gale Group
File 80:TGG Aerospace/Def.Mkts(R) 1986-2004/Jun 09
(c) 2004 The Gale Group
File 88:Gale Group Business A.R.T.S. 1976-2004/Jun 08
(c) 2004 The Gale Group
File 98:General Sci Abs/Full-Text 1984-2004/Jun
(c) 2004 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
(c) 2004 United Business Media
File 141:Readers Guide 1983-2004/Jun
(c) 2004 The HW Wilson Co
File 148:Gale Group Trade & Industry DB 1976-2004/Jun 09
(c)2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Jun 09
(c) 2004 The Gale Group
File 264:DIALOG Defense Newsletters 1989-2004/Jun 09
(c) 2004 The Dialog Corp.
File 484:Periodical Abs Plustext 1986-2004/May W5
(c) 2004 ProQuest
File 553:Wilson Bus. Abs. FullText 1982-2004/Jun
(c) 2004 The HW Wilson Co
File 570:Gale Group MARS(R) 1984-2004/Jun 09
(c) 2004 The Gale Group
File 608:KR/T Bus.News. 1992-2004/Jun 09
(c)2004 Knight Ridder/Tribune Bus News
File 620:EIU:Viewswire 2004/Jun 08
(c) 2004 Economist Intelligence Unit
File 613:PR Newswire 1999-2004/Jun 09
(c) 2004 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jun 07
(c) 2004 The Gale Group
File 623:Business Week 1985-2004/Jun 08
(c) 2004 The McGraw-Hill Companies Inc
File 624:McGraw-Hill Publications 1985-2004/Jun 09
(c) 2004 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2004/Jun 08
(c) 2004 San Jose Mercury News
File 635:Business Dateline(R) 1985-2004/Jun 08
(c) 2004 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2004/Jun 08
(c) 2004 The Gale Group
File 647:CMP Computer Fulltext 1988-2004/May W5
(c) 2004 CMP Media, LLC
File 696:DIALOG Telecom. Newsletters 1995-2004/Jun 08
(c) 2004 The Dialog Corp.
File 674:Computer News Fulltext 1989-2004/May W5
(c) 2004 IDG Communications
File 810:Business Wire 1986-1999/Feb 28

File 813:PR Newswire 1987-1999/Apr 30

Set	Items	Description
S1	6412837	TV OR TELEVISION
S2	2164616	SIGNAL?
S3	93797	(VIDEO OR CRT OR CATHODE()RAY OR LINE()SCAN?)(3N)DISPLAY?
S4	9336	CHROMINANCE OR LUMINANCE
S5	1404	(NEAR OR VISUAL)(3N)CANCEL?
S6	201	ROUND?(3N)(UP OR DOWN)(5N)(INTEGER? OR INTEGRAL)
S7	1039038	FREQUENC?
S8	1	(BELOW OR LOWER OR EQUAL?)(3N)(39 OR THIRTYNINE OR THIRTY--NINE)(3N)(KHZ OR KILOHERTZ)
S9	93	(HIGHER OR ABOVE OR MORE)(3N)(40 OR FORTY)(3N)(KHZ OR KILO-HERTZ)
S10	305	ODD()HARMONIC?
S11	2000	(REMOV? OR DELET? OR EDIT? OR AMELIORAT? OR HIDE OR HIDING OR MASK?)(3N)ARTIFACT?
S12	1752	ROUND?(3N)(INTEGER? OR INTEGRAL?? OR S7)
S13	121	AU=(KEEN, R? OR KEEN R?)
S14	4	S1 AND S13
S15	4	RD S14 (unique items)
S16	4	S15 NOT KELO-TV
S17	0	S16 NOT (LIVESTOCK OR QUIZNO? OR GENOTYPE)
S18	125	S7(S)S10
S19	5	S18(S)(KHZ OR KILOHERTZ)
S20	3	RD S19 (unique items)
S21	3	S20 NOT S14
S22	3	S1(S)S4(S)(S5 OR S11)
S23	3	S22 NOT (S14 OR S19)
S24	2	RD S23 (unique items)
S25	0	S11(S)S12

8/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01499488 SUPPLIER NUMBER: 11899139 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A high-resolution, multichannel digital-to-analog converter for digital oscilloscopes. (HP 54601A oscilloscope) (includes related article on using the high-resolution, multichannel digital-to-analog converter in the HP 54601A oscilloscope) (Technical)
Garnett, Grosvenor H.
Hewlett-Packard Journal, v43, n1, p48(9)
Feb, 1992
DOCUMENT TYPE: Technical ISSN: 0018-1153 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2796 LINE COUNT: 00211

... 000 ohms to the 1SJ2 DAC IC channel output. If the filter input impedance at **39** . 06 **kHz** is **lower** than 100,000 ohms, DAC linearity will be degraded. A typical inverting filter that might...
?

21/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)

05787063 Supplier Number: 50276786 (USE FORMAT 7 FOR FULLTEXT)
Modular Converters Speed Power Designs
Pendergast, Dennis
Electronic Design, v46, n20, p89
Sept 1, 1998
Language: English Record Type: Fulltext
Article Type: Article
Document Type: Magazine/Journal; Trade
Word Count: 1963

... or difficulty with which each topology filters harmonics of its pulse-repetition rate or operating **frequency** . In PWM converters, most of the energy is found at the fixed **frequency**0 or at an **odd harmonic** of it. A 100- **kHz** PWM converter will have most of its conducted noise at 100 **kHz** , and some at 300 and 500 **kHz** . They also have significant harmonics at or above 1 to 2 MHz due to non...

...dt). The input conducted filter has to be sized to handle maximum power at 100 **kHz** .
Quasi-resonant converters simplify the design of the conducted line filter because the energy that...

21/3,K/2 (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)

06477313 SUPPLIER NUMBER: 91658083 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Varying resistor tolerances. (Q & A).
Huster, Dean
Poptronics, 3, 10, 37(5)
Oct, 2002
ISSN: 1526-3681 LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 5618 LINE COUNT: 00416

... a similar watch and find a RS receiver that will tune to the LF (Low **Frequency**) or better yet, the VLF (Very Low **Frequency**) band. Hold the watch right next to the antenna and tune to an **odd harmonic** of the watch oscillator (32.768 **kHz** times any odd number that will get you to the low end of the receiver's band). For instance, the third harmonic will be 98.304 **kHz** . If the receiver can pick up WWVB at 60 **kHz** , maybe it can hear the watch at 98.3 04 **kHz** . I don't know how a synthesized receiver will work against an accurate crystal reference...

...taking the back off my Casio, I couldn't get a signal at the higher **frequencies** .
Disgusting. I can pick up the radio frequency interference from my computer and monitor all...

21/3,K/3 (Item 1 from file: 88)
DIALOG(R)File 88:Gale Group Business A.R.T.S.

02798841 SUPPLIER NUMBER: 13556656
Proof for the golden ears hypothesis? (tests for analogue radio)

Duncan, Ben
Electronics World + Wireless World, v97, n1675, p466(2)
June, 1992
ISSN: 0266-3244 LANGUAGE: English RECORD TYPE: Abstract

...ABSTRACT: Precision has introduced new tests for analogue radio through DSP sampling at up to 192 **kHz** . This sampling can precisely detect error signals through fast settling filtering. One test allows harmonics up to the tenth to be plotted against **frequency** down to 60 ppm. This is demonstrated by the the detection of **odd harmonics** that dominate the output spectra of a Rauch DVT-50s professional power amplifier at 13dB...
?

24/3,K/1 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
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04830169 SUPPLIER NUMBER: 08913668 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Faroudja bypasses tests. (Faroudja Labs to market SuperNTSC system)
Television Digest, v30, n37, p5(1)
Sept 17, 1990
ISSN: 0497-1515 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 500 LINE COUNT: 00041

... providing digital audio and better luminance and color through ghost canceling and computerized filtering to **remove artifacts** . System has 5:3 aspect ratio, but wide-aspect ratio can be provided with letterbox ...

...interlace scanning, 1,035 active lines. Company claims "some picture improvement" even for non-SuperNTSC **TV** sets, although main impact will be on SuperNTSC sets. Faroudja investors include Comcast, Continental Cablevision...

24/3,K/2 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01324767 Supplier Number: 41547533 (USE FORMAT 7 FOR FULLTEXT)
FAROUDJA TO BYPASS HDTV TEST PROCESS, BEGIN IMMEDIATE COMMERCIALIZATION
Communications Daily, v10, n177, pN/A
Sept 12, 1990
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 608

... about $300 to cost of each TV set.
SuperNTSC is improved version of current NTSC **TV** signal, providing better **luminance** and color through ghost canceling and use of computerized filtering to **remove artifacts** . It also includes digital audio. Basic system has 5:3 aspect ratio, but wide-aspect...

...2:1 interlace scanning, 1,035 active lines. Company claims "some picture improvement" even for **TV** sets that aren't equipped with Faroudja-designed chips, although main impact will be on...
?